
Subject: Integration qpint

Posted by [Gompie](#) on Sun, 12 Aug 2012 17:42:57 GMT

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Hi

Can anyone help. I am using qpint1d to integrate but i get
"Program caused arithmetic error: Floating overflow:"

The code is

```
C1 = 1.1910427E-12
```

```
c2=1.43883
```

```
T=300
```

```
c=c1*(c2^(-4))*T^4
```

```
llimit=c2*2380/T
```

```
ulimit=c2*2940/T
```

```
print,"X=",llimit,ulimit
```

```
lin= c*qpint1d('x^3/(EXP(X)-1)', llimit, +inf, /expr)
```

```
rin=c*qpint1d('x^3/(EXP(X)-1)', ulimit, +inf, /expr)
```

```
print,abs(lin-rin)
```

```
end
```

This outputs a number (i am not sure if it is correct) but it also says floating point error.

Thanks in advance

Gompie
